

INTERCOLLEGIATE BROADCASTING SYSTEM
Engineering Department
Washington, D. C.
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TECHNICAL INFORMATION QUESTIONNAIRE

1. Hours of Operation: _____ College: _____
2. Type of Oscillator (check one)
 - A. Crystal: _____ T.P.T.G. ; _____ Pierce ; _____ Transitron ;
_____ Tri-tet ; _____ Other*.
 - B. Self-controlled _____
*Furnish circuit diagram
 - C. If crystal is used, answer the following -
Manufacturer: _____
Mfr's Type No. _____ Serial No. _____
Frequency to which ground _____ kc. at _____ °F(C)
Frequency Tolerance _____
(cycles/mc/°C or %)
 - D. If Self-controlled oscillator is used at what frequency is
it normally operated _____ kc. Are negative temperature
coefficient capacitors used to minimize drift? _____
3. Normal Plate Power Input to Final Amplifier _____ watts.
(If more than one transmitter is used list each)
(If r.f. booster amplifiers are used, list each)
4. Type of Distribution System in Use. On a separate sheet,
preferably a map of the campus and surrounding area, show
routes of all r.f. lines and primary/secondary a.c. distribu-
tion lines by colored pencil. Indicate by numbered blocks
location of a.c. transformers, transmitter(s), r.f. coupling
circuits, and r.f. amplifiers, if any. Indicate which
buildings are covered by shading.
5. Type of Coupling Devices. Sketch on a separate sheet a) circuit
used to couple final plate of transmitter to r.f. line(s);
(b) circuit(s) used to couple r.f. line(s) to a.c. lines
indicating by the numbers used in question 4 where installed;
(c) circuit(s) of intermediate r.f. couplers, if any,
indicating by the numbers used in question 4 where installed.
6. In the space below please make a block diagram of your transmitter(s)
and r.f. booster amplifier(s), indicating tube complement.

